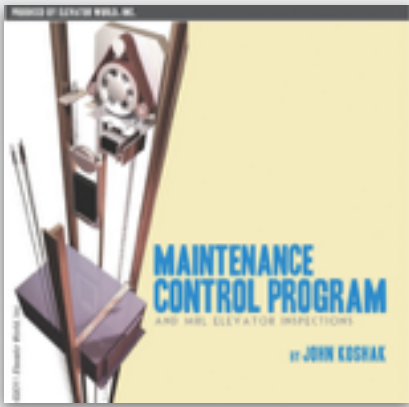


# Maintenance Control Program & MRL Elevator Inspections



1.5 contact hours credit  
(.15 CEUs)



## Approved by:

- ♦ National Association of Elevator Contractors for CET®/CAT®
- ♦ NAESA for QEI
- ♦ States of: Alabama, Florida, Georgia, Kentucky, Pennsylvania, Virginia, Washington and West Virginia

## Program Materials

This course is based on the Maintenance Control Program and MRL Elevator Inspections Presentation (DVD) by John Koshak, which can be purchased separately from Elevator World. The presentation is approximately 90 minutes in length.

### *Maintenance Control Program & MRL Elevator Inspections*

by John Koshak

This DVD presentation is based on his book concerning maintenance on new equipment designs. An overview of this new language, what documentation is required by code, a general overview of the major manufacturers' traction equipment, and when maintenance, inspection, testing, adjustment, repair and replacement procedures must be provided is included.

**Cost of DVD: \$30.00 (non subscriber) or \$25.50 (EW subscribers)**  
**Cost of the exam is \$40.00 (non subscriber) and \$34.00 (EW subscribers). Purchase both and SAVE \$5.**

## Learning Objectives & Curriculum

**After viewing this presentation you should have learned about:**

- Maintenance control programs (MCPs) and what they entail
- The importance of scheduled interval maintenance
- How interval maintenance should be scheduled
- What check charts are and what they do
- Applicable components and where a list of them can be found
- What maintenance records include and where they should be located
- Code data plates
- Critical operating circuits
- The importance of cleaning and housekeeping in the field
- The differences involved in working safely on legacy equipment vs. MRLs
- Elevator equipment code compliance
- Maintenance of elevator components
- Development and maintenance of current Maintenance Records
- Providing wiring diagrams
- Implementation of monthly Fire Service Tests

## Course Specifics

- Applicants will be allowed 1 free retake of the exam. Subsequent retakes will be \$25.00 each.
- The test will consist of 20 questions.
- The testing company is **Exambuilder.com**. All testing will be on its server, and Elevator World will be charged for each person taking the exam. A database of persons taking the test, along with their scores and dates, will be kept at Exambuilder.com and at Elevator World. All pertinent information will be kept in a database for a minimum of seven years.
- After the test is taken, the student will be able to determine immediately if he or she passed or failed. **A passing score is 80%.** A follow-up email will be sent by Elevator World confirming the test score and setting up retakes if needed. A certificate of completion may be printed by the candidate.

## Instructor Qualifications/Bio

**John Koshak** entered the elevator industry in August 1980 in the San Francisco Bay Area. He became an adjuster and special-projects wireman for Westinghouse Elevator Co. in 1982, and went to Dover Elevator Co. in 1985 as a construction adjuster, service adjuster, and later, field superintendent. In 1991, he went to Amtech Elevator as a service adjuster. In 1995, he developed a plunger-gripping safety device known as the LifeJacket®.

After 16 years in the International Union of Elevator Constructors, Koshak was the vice-president of Technical Support for Adams Elevator Equipment Co. from 1997 to June 2001, when he went to ThyssenKrupp Elevator Co. in a research-engineering capacity. In 2004, he was appointed director of Codes and Standards for ThyssenKrupp Elevator Americas until August 2008. Then, he reestablished Elevator Safety Solutions, Inc., an elevator-consulting firm that offers services to the industry such as consulting expert, consulting witness, design-compliance review, product development, specification writing and maintenance review.

Koshak holds several U.S. and foreign patents, has authored numerous articles and papers, and had two books published: *Maintenance on New Equipment Designs* (available at [www.elevatorbooks.com](http://www.elevatorbooks.com)) in 2010, and *The Pool Manager* (a novel available on [amazon.com](http://amazon.com)) in 2006. He was a National Elevator Industry Educational Program instructor from 1982 to 1991, ultimately attaining Level 3 instructor status. He has also authored the following portion of Certified Elevator Technician (CET®) courses: Course 7, Unit 13: Construction Wiring and Equipment and Course 8, Unit 14: Hydraulic Theory and Installation.

Koshak is currently a member of the ASME A17 Standards Committee, several subcommittees, vice chairman of the Wind Turbine Elevator Project Team, the International Organization of Standardization Technical Committee 178 Working Groups 4 and 6, and an associate member of CSA B44. He is also a certified elevator inspector (C2346), regent and trustee for the Elevator Escalator Safety Foundation, and chairman of the National Association of Elevator Contractors (NAEC) Codes and Standards Committee. He is a member of NAESA International, the International Association of Elevator Engineers, the NAEC Education Committee and the International Association of Elevator Consultants.

## Provider Information

Elevator World, Inc. is the largest publisher in the world devoted to the elevator industry: publishing a monthly journal; compiling the Elevator World SOURCE®, the most inclusive directory in the industry; publishing numerous books used for industry education; maintaining ELENET, a biweekly email newsletter; and developing the Elevator World online network, a group of specialized websites with more than 70,000 users a month. Elevator World is the publisher and distributor of the print-based materials for the four-year Certified Elevator Technician (CET) Education Program. The company is 62 years old and has played a key role in the transfer of knowledge in the vertical-transportation industry.

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